

## Claims

- [c1] What is claimed is:
1. An image transmission system comprising:  
a computer for generating an image signal, the computer comprising a transmitter for wirelessly transmitting the image signal; and  
an image-projecting device comprising:  
a receiver for receiving the image signal and transforming the image signal into a first signal; and  
a projecting module comprising:  
an image-generating module for transforming the first signal into a corresponding image; and  
a lens set for projecting the corresponding image onto a screen.
  - [c2] 2. The image transmission system of claim 1 wherein the transmitter comprises a first wireless communications module for wirelessly transmitting the image signal, and the receiver comprises a second wireless communications module for receiving the image signal transmitted by the first wireless communications module of the transmitter.
  - [c3] 3. The image transmission system of claim 1 wherein the transmitter comprises a video graphic array (VGA) encoder, a motion picture experts group compressor (MPEG compressor), and a first wireless network module, the first wireless network module being used to transform a first compressed VGA signal into the image signal, the MPEG compressor being used to compress a first digital VGA signal into the first compressed VGA signal, and the VGA encoder being used to generate the first digital VGA signal.
  - [c4] 4. The image-transmission system of claim 3 wherein the first wireless network module comprises a first packeting module, a first base band circuit, and a first radio frequency circuit, the first packeting module being used to transform the first compressed VGA signal into a first frame signal, the first base band circuit being used to transform the first frame signal into a first base band signal, and the first radio frequency circuit being used to modulate the first base band signal into the image signal.

- [c5] 5. The image transmission system of claim 4 wherein the first frame signal conforms to the IEEE 802.11 standard.
- [c6] 6. The image transmission system of claim 1 wherein the image signal conforms to the IEEE 802.11 standard.
- [c7] 7. The image transmission system of claim 1 wherein the receiver comprises a VGA decoder, an MPEG decompressor, and a second wireless network module, the second wireless network module being used to transform the image signal into a second compressed signal, the MPEG decompressor being used to decompress the second compressed signal into a second digital VGA signal, and the VGA decoder being used to decode the second digital VGA signal into the first signal.
- [c8] 8. The image transmission system of claim 7 wherein the second wireless network module comprises a second packeting module, a second base band circuit, and a second radio frequency circuit, the second radio frequency circuit being used to demodulate the image signal into a second base band signal, the second base band circuit being used to transform the second base band signal into a second frame signal, and the second packeting module being used to transform the second frame signal into the second compressed VGA signal.
- [c9] 9. The image transmission system of claim 8 wherein the second frame signal conforms to the IEEE 802.11 standard.